

Title (en)
ADJUSTABLE PERSON SUPPORT SYSTEM WITH EXPANSION WINGS DRIVEN BY DUAL LEADSCREWS AND CENTER MOUNTED MOTORS

Title (de)
ANPASSBARES PERSONENSTÜTZSYSTEM MIT DURCH ZWEI LEITSPINDELN UND ZENTRAL MONTIERTE MOTOREN ANGETRIEBENE FLÜGEL

Title (fr)
SYSTEME DE SUPPORT DE PERSONNE REGLABLE AVEC DES SUPPORTS LATERAUX EXTENSIBLES ENTRAINES PAR DES VIS SANS FIN ET DES MOTEURS MONTES SUR LE SUPPORT CENTRAL

Publication
EP 3058923 A1 20160824 (EN)

Application
EP 16164283 A 20150608

Priority

- US 2014042342 W 20140613
- US 201414548647 A 20141120
- EP 15170984 A 20150608

Abstract (en)
A bed comprises a deck section having a width and left and right outboard deck edges. Left side and right side wings are movably coupled to the deck section. The bed also includes a left leadscrew receiver mounted on the left wing, a right leadscrew receiver mounted on the right wing, and left and right motor assemblies both mounted on the deck section. A left leadscrew is coupled to the left motor assembly and to the left leadscrew receiver. A right leadscrew is coupled to the right motor assembly and to the right leadscrew receiver. Motor operation is capable of moving the wing to which it is coupled between a deployed position in which the lateral extremity of the wing is outboard of the respective outboard edge of the deck section and a stored position in which the lateral extremity of the wing is inboard of its deployed position.

IPC 8 full level
A61G 7/002 (2006.01); **A61G 7/015** (2006.01); **A61G 7/018** (2006.01)

CPC (source: EP)
A61G 7/002 (2013.01); **A61G 7/015** (2013.01); **A61G 7/018** (2013.01); **A61G 2200/16** (2013.01)

Citation (applicant)

- US 77484707 A 20070709
- US 77508307 A 20070709
- US 201213468424 A 20120510
- US 201414168538 A 20140130

Citation (search report)

- [AD] US 2013298331 A1 20131114 - BOSSINGHAM ROBERT [US], et al
- [AP] EP 2762122 A2 20140806 - HILL ROM SERVICES INC [US]
- [AP] WO 2014144593 A1 20140918 - KAP MEDICAL INC [US]

Cited by
CN110772381A; US10600204B1; US10489661B1; US11484450B2; US11806291B2; US10660809B2; US10842701B2; US11540963B2; US10188569B2; US10716722B2; US11285061B2; US11980580B2; US10842694B2; US11013650B2; US11419776B2; US11559449B2; US11801180B2; US11865056B2

Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (application)
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